

10780, 043

FILE 'MEDLINE, EMBASE, BIOSIS, CAPLUS' ENTERED AT 17:47:13 ON 03 FEB 2008
L1 1872 S BATES E?/AU OR FOURNIER N?/AU OR CHALUS L?/AU OR GARRONE P?/A
L2 133 S L1 AND ANTIBOD?
L3 65 DUP REM L2 (68 DUPLICATES REMOVED)
L4 65 SORT L3 PY,A

=>

10/180, 043

<!--StartFragment-->RESULT 14

AAW62772

ID AAW62772 standard; protein; 303 AA.

XX

AC AAW62772;

XX

DT 23-SEP-1998 (first entry)

XX

DE Human immunoglobulin receptor designated FDF03.

XX

KW Human; type I transmembrane protein; immunoglobulin-like domain; FDF03;
KW activated monocyte; YE01; KTE03; control; development; differentiation;
KW mammalian immune system; treatment; cancerous condition;
KW degenerative condition; autoimmune response; transplantation rejection;
KW graft versus host disease; inflammatory condition; detection; diagnosis;
KW drug screening.

XX

OS Homo sapiens.

XX

PN WO9824906-A2.

XX

PD 11-JUN-1998.

XX

PF 05-DEC-1997; 97WO-US021101.

XX

PR 06-DEC-1996; 96US-0032252P.

PR 09-DEC-1996; 96US-00762187.

PR 16-DEC-1996; 96US-0033181P.

PR 21-MAR-1997; 97US-0041279P.

XX

PA (SCHE) SCHERING CORP.

XX

PI Adema GJ, Meyaard L, Gorman DM, Mcclanahan TK, Zurawski SM;

PI Zurawski G, Lanier LL, Phillips JH;

XX

DR WPI; 1998-333325/29.

DR N-PSDB; AAV38987.

XX

PT New isolated activated monocyte cell gene(s) - used to develop products
PT for treating e.g. cancer, degenerative conditions, autoimmune responses,
PT transplant rejection or inflammatory conditions.

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PS Claim 1; Page 60-61; 104pp; English.

XX

CC The present sequence represents a human protein, FDF03, which is a type I
CC transmembrane protein comprising an extracellular portion characterised
CC by immunoglobulin-like domains, indicating that the protein is a receptor
CC member of the immunoglobulin superfamily. The FDF03 gene is found in
CC activated monocytes. The specification also describes other proteins
CC encoded by activated monocytes, which are designated YE01 and KTE03. The
CC genes function in controlling development, differentiation, and/or
CC physiology of the mammalian immune system. The products can be used for
CC treating abnormal proliferation, regeneration, degeneration or atrophy.
CC They can be used for treating e.g. cancerous conditions, degenerative
CC conditions, autoimmune responses, transplantation rejection, graft versus
CC host disease, or inflammatory conditions. The products can also be used
CC for detection, diagnosis and drug screening

XX

SQ Sequence 303 AA;

Query Match

80.4%; Score 958; DB 2; Length 303;

10/780,043

Best Local Similarity 80.8%; Pred. No. 3.4e-76;
Matches 185; Conservative 15; Mismatches 19; Indels 10; Gaps 2;

Qy 1 MGRPLLLPLLLLQPPAFLQPQGGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1 MGRPLLLPPLLPLLPAAFLQPQSGSTGSGPSYLYGVTQPKHLSASMGGSVEIPFSFYYPWE 60

Qy 61 LAIVPNVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQESGFLRISNLRKEDQ 120
|| | : ||| ||| ||| ||| : ||| : ||| ||| : ||| ||| : |||
Db 61 LATAPDVRISWRRGHFHGQSFYSTRPPSIHKDYVNRLFLNWTEGQKSGFLRISNLQKQDQ 120

Qy 121 SVYFCRVELDTRSGRQQQLQSIKGTKLTITQAVTT-----TTTWRPSSTTIAGLRV 172
||| ||| ||| ||| ||| : ||| : ||| ||| ||| ||| ||| |||
Db 121 SVYFCRVELDTRSGRQQWQSIEGTKLSITQAVTTTQRPSSTTWRLSSTTTGLRV 180

<!--EndFragment-->

10780,043

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4075	(BATES).inv. OR (FOURNIER).inv. OR (CHALUS).inv. OR (GARRONE).inv.	US-PGPUB; USPAT	OR	ON	2008/02/03 17:44
L2	216	L1 and antibod\$	US-PGPUB; USPAT	OR	ON	2008/02/03 17:44
L3	52	L2 and monocyt\$	US-PGPUB; USPAT	OR	ON	2008/02/03 17:44